

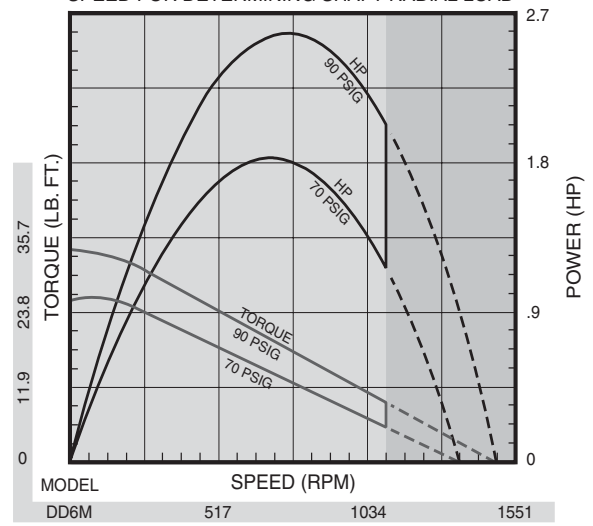
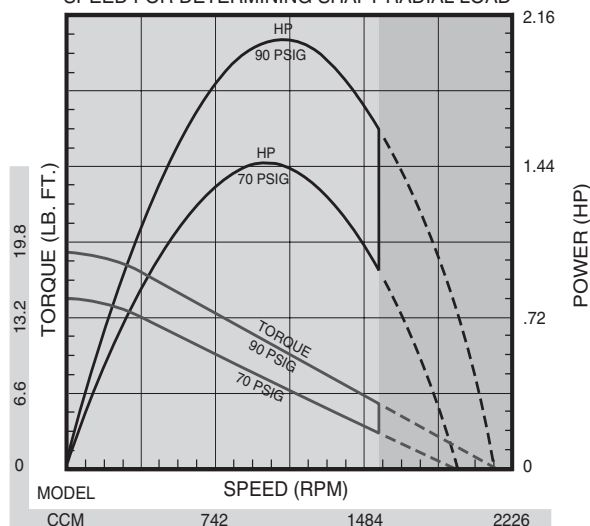
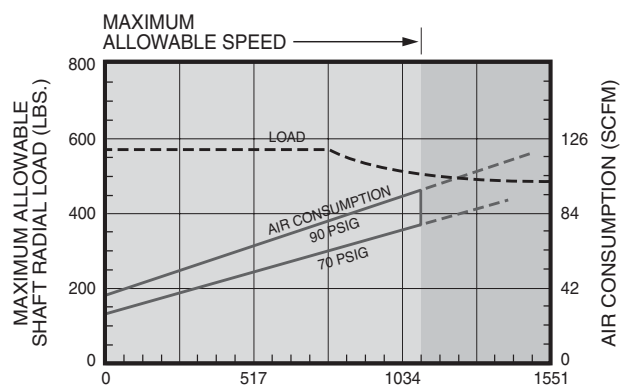
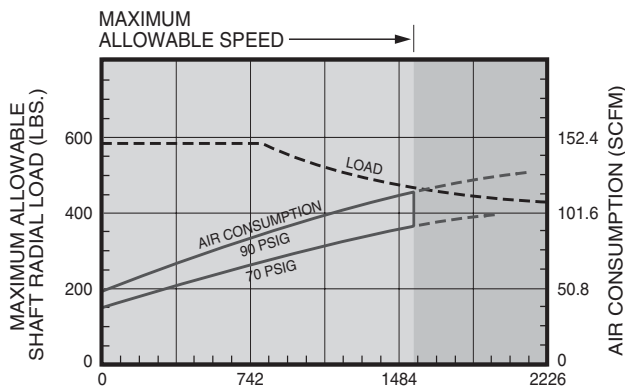
Direct and Geared Drive Piston Air Motors



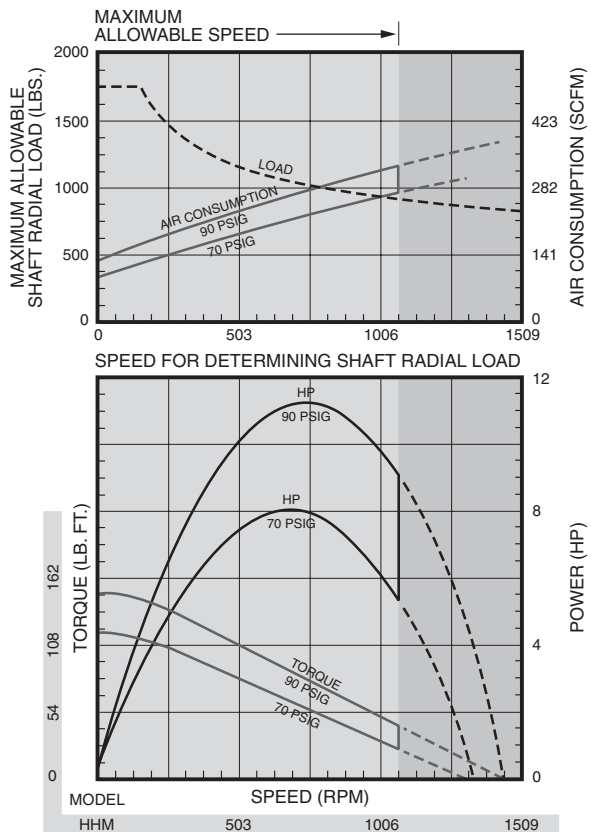
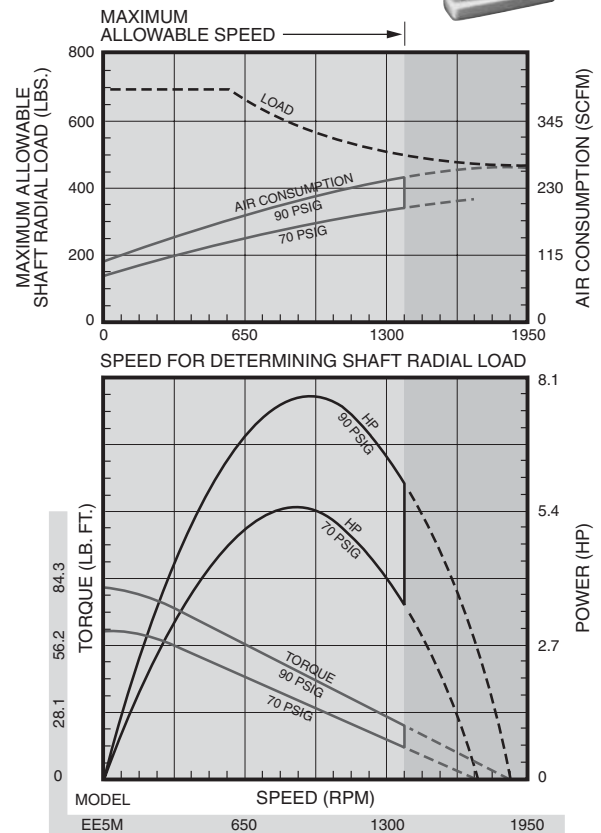
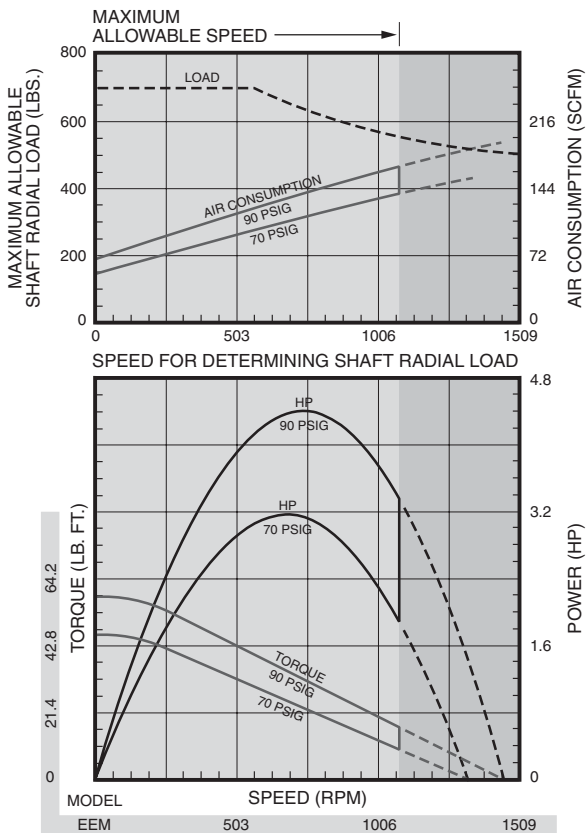
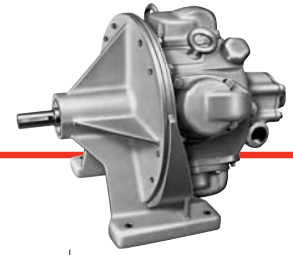
SPECIFICATIONS

Model	Max. Power		Speed at Max. Power	Free Speed▲	Starting Torque		Stall Torque		Air Consumption at Max. Power		Weight	
	hp	kw	rpm		rpm	lb.-ft.	Nm	lb.-ft.	Nm	scfm	m ³ /m	lb.
Direct Drive Reversible												
CCM	2.05	1.53	1075	2140	13.2	17.9	18.8	25.5	97	2.7	135	61.2
DD6M	2.6	1.94	750	1490	24	32.5	34.2	46.4	79	2.2	135	61.2
EEM	4.4	3.28	735	1450	41	55.6	59	80	137	3.9	200	90.7
EE5M	7.8	5.82	950	1875	60	81.4	80.5	109.2	220	6.2	210	95.3
HHM	11.3	8.43	730	1450	106	144	152	206	270	7.6	235	107
HH5M	15.2	11.33	750	1500	146	198	195	264	400	11.3	250	113
KK6M	25	18.64	755	1500	260	353	325	441	680	19.3	475	216
Geared Drive Reversible												
EE3G	5	3.73	275	560	122	165	175	237	155	4.4	200	90.7
EE53G	6.8	5.07	305	600	154	209	205	278	220	6.2	220	99.8
EE9G	4.7	3.51	92	190	357	484	510	692	155	4.4	210	95.3
EE59G	6.5	4.85	100	200	450	610	600	814	220	6.2	230	104

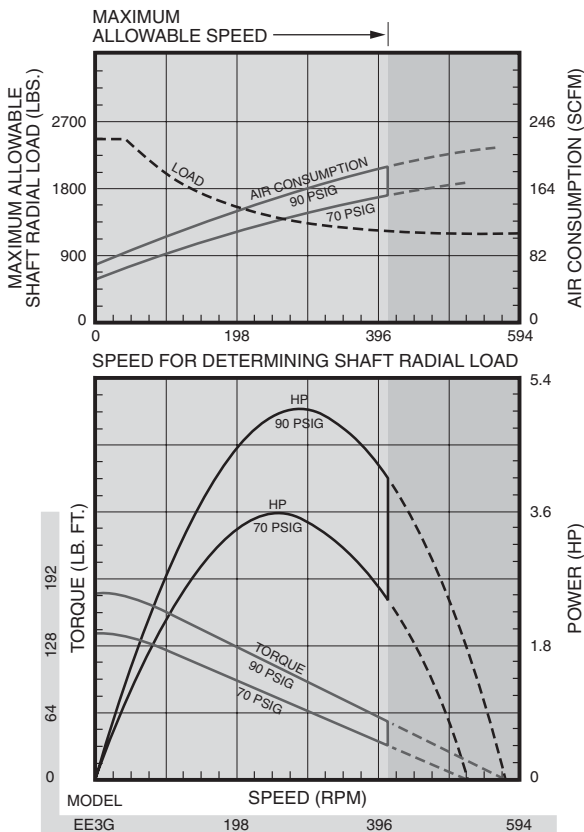
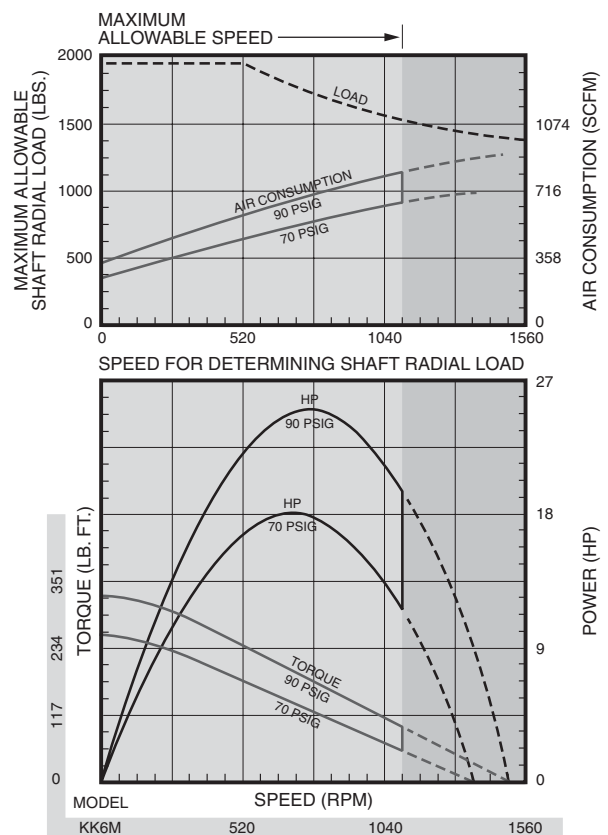
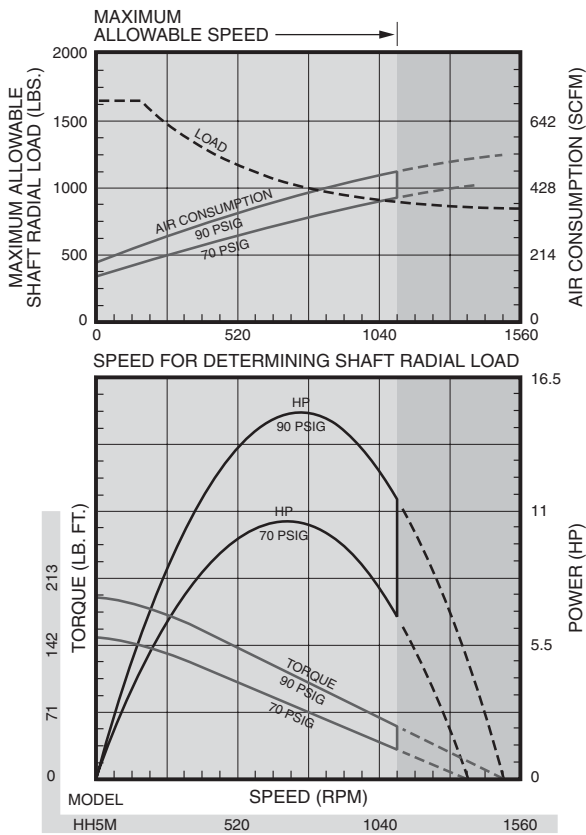
▲ ALL models must be operated with sufficient load to prevent speed from exceeding maximum allowable speed shown on performance curve. All of the above motors are furnished less valve and piping as standard. Performance figures are at 90 psig (620 kPa) air pressure.



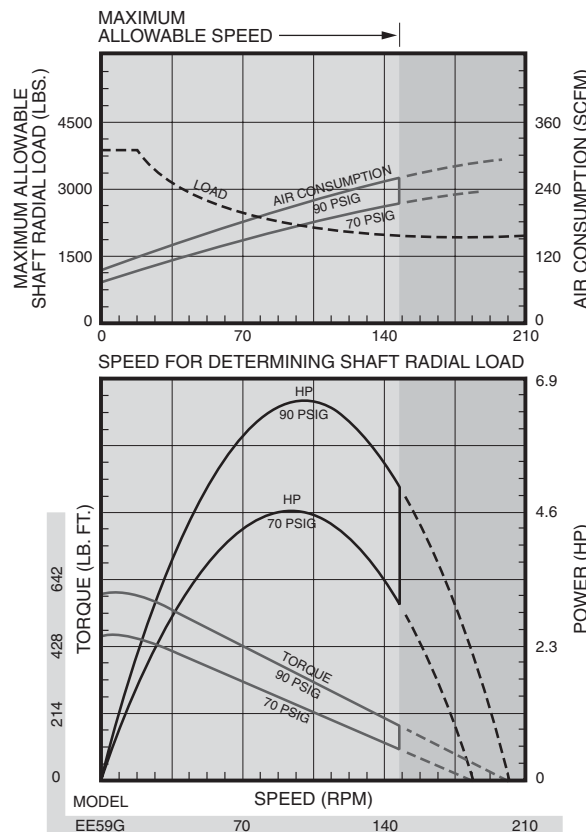
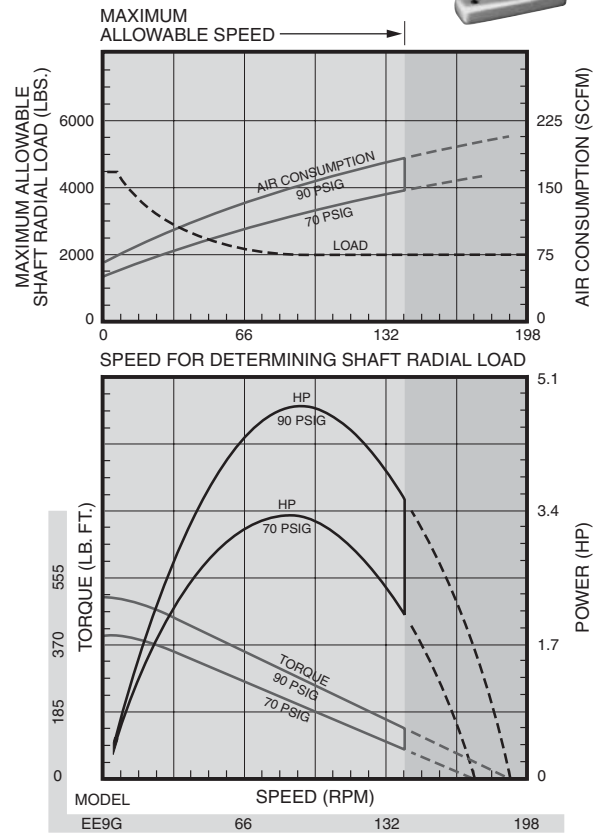
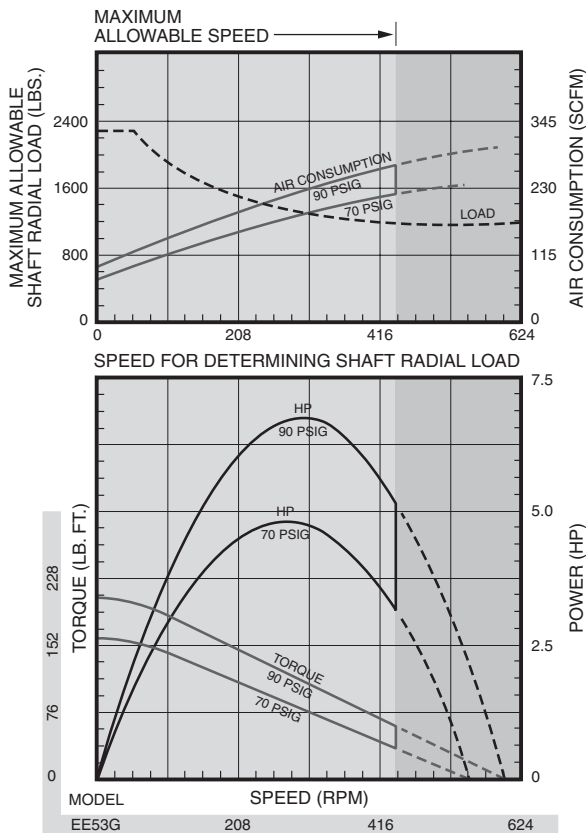
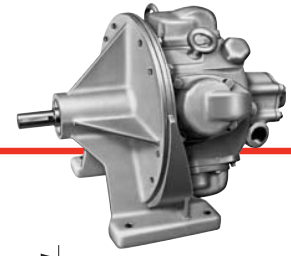
Direct and Geared Drive Piston Air Motors



Direct and Geared Drive Piston Air Motors



Direct and Geared Drive Piston Air Motors



MMP150 Air Motors

MODEL CODE EXPLANATION

Example: MMP150-A-0-B-2-A

MMP150 - A 0 B 2 A

Series: MMP150 Air Motor

Interface/Shaft Options:

- A = Standard Spline
- B = NEMA 215TC
- C = Hydraulic SAE "B" Adapter
- D = Keyed Shaft (Fenner RM410)

Mounting Options:

- 0 = Standard
- 1 = Base Mount

Control Options:

- A = None
- B = Manual Valve
- C = Panel Mount Valve
- D = Pendant
- E = Accu-Trol™

Rotary Valve Bias Options:

- 0 = Equal, Bias Rotation*
- 1 = CCW (counter-clockwise), Standard Bias Rotation*
- 2 = CW (clockwise), Reverse Bias Rotation*

Power Options:

- A = Air
- B = Natural Gas

*As viewed from crankshaft end of motor.

PERFORMANCE

Model	Max. Power		Speed at Max. Power	Free Speed	Starting Torque		Stall Torque		Air Consumption at Max. Power	
	hp	kw	rpm		rpm	lb.-ft.	Nm	lb.-ft.	Nm	scfm
MMP 150	16.0	11.9	1800	3800	61.0	82.7	78.0	105.8	425	12.0

Performance figures are at 90 psig (6.2 Bar) air pressure.

Figure 1: MMP150 Air Motor Performance
425 cfm Air Supply at 90 psi

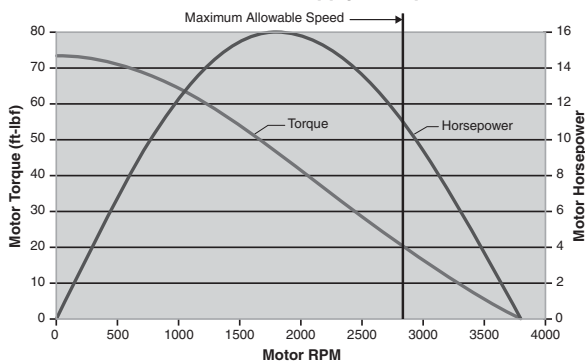
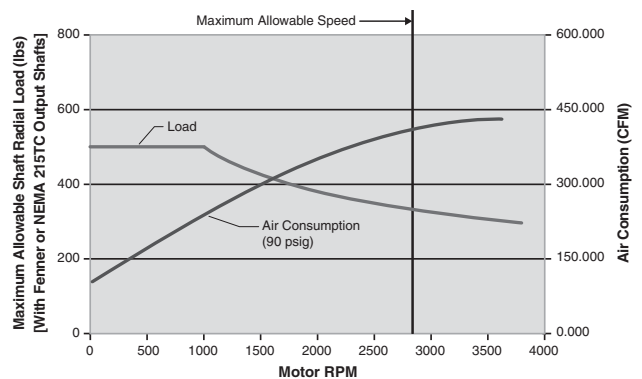
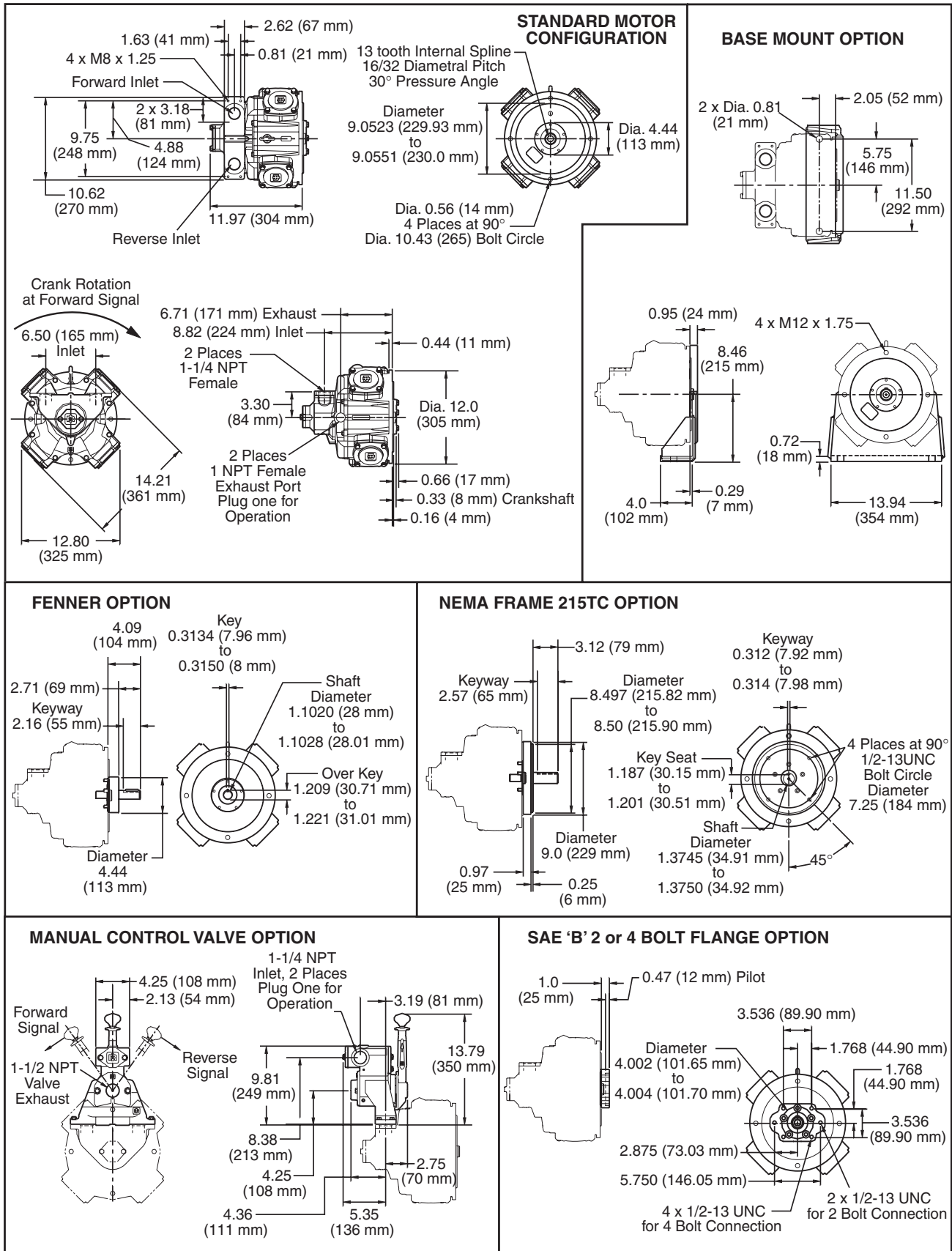
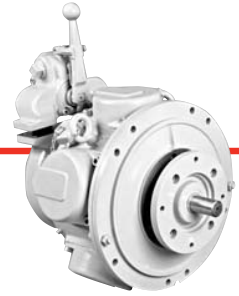


Figure 2: MMP150 Air Motor Performance





KK5B Piston Air Motors

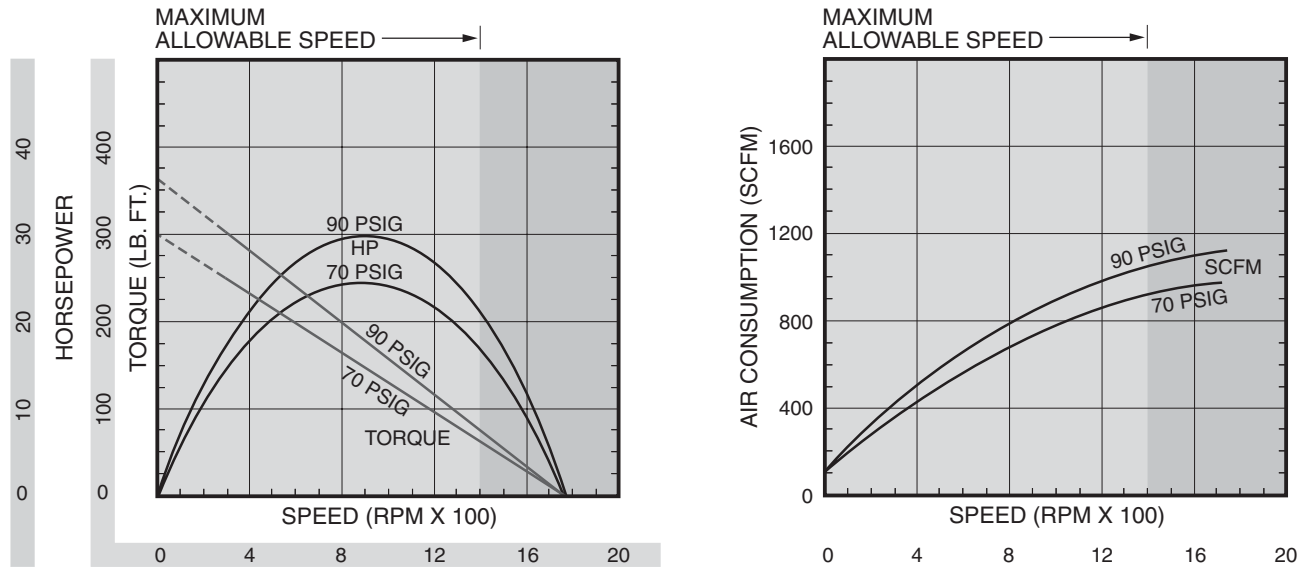


SPECIFICATIONS

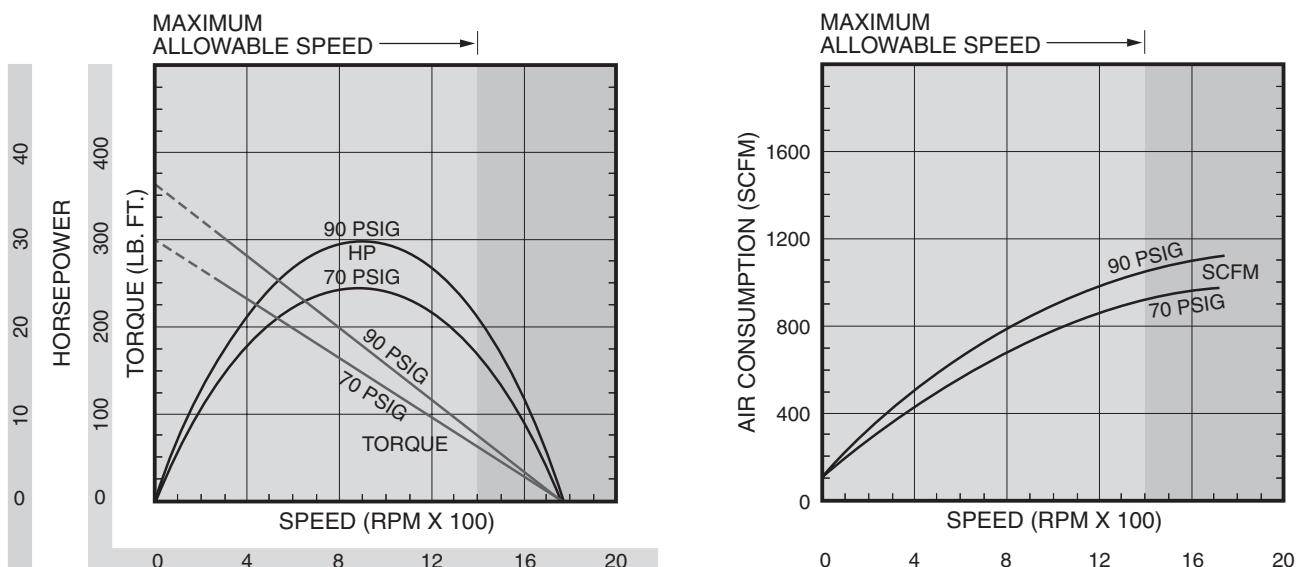
Model	Max. Power		Speed at Max. Power	Free Speed▲	Starting Torque		Stall Torque		Air Consumption at Max. Power		Weight	
	hp	kw	rpm		rpm	lb.-ft.	Nm	lb.-ft.	Nm	scfm	m ³ /m	lb.
Reversible												
KK5B546	29	21.6	900	1800	183	248	300	407	795	22.5	—	—
KK5B550	30	22.3	880	1750	202	274	325	441	850	24.1	—	—

▲ ALL models must be operated with sufficient load to prevent speed from exceeding maximum allowable speed shown on performance curve. Performance figures are at 90 psig (620 kPa) air pressure.

KK5B550 – STD ROTARY VALVE



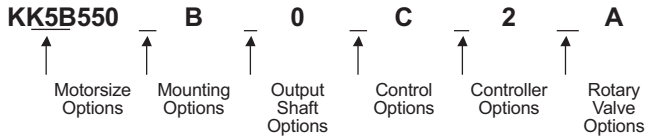
KK5B546 – STD ROTARY VALVE



KK5B Piston Air Motors

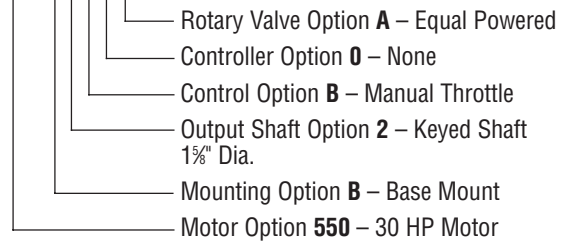


KK5B MODEL NUMBER SYMBOLIZATION



EXAMPLE

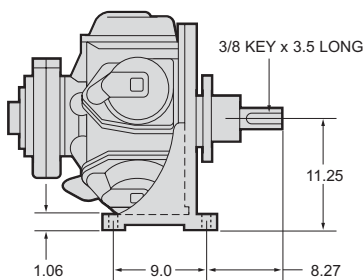
KK5B550-B2B0A



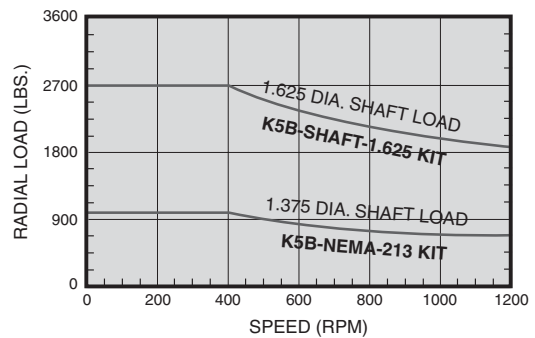
Option	Code	Description	Weight		Part Number
			lb.	kg	
Motor Options	546	29 Horsepower Motor	251	113	KK5B546
	550	30 Horsepower Motor	251	113	KK5B550
Mounting Options	A	Flange Mount, STD with SAE C 2 & 4 Bolt Mount	45	20	Standard K5B - Foot
	B	Base Mount, Stationary Mounting			
Output Shaft Options	0	*SAE C, STD with SAE C 14 Tooth Female Spline Input	13	6	Standard K5B - NEMA - 213 K5B - Shaft - 1.625
	1	**NEMA 213TC and 215TC, Keyed Shaft 1 1/8" dia.			
	2	***Keyed Shaft 1 1/8" dia.			
Control Options	A	None	19	19	Standard K5B - Manual K5B - Pilot
	B	Manual Throttle, Control Mounted Directly on Motor			
	C	Pilot Air Control, Required for Remote Controller Options			
Controller Options	0	None	9	4	Standard MLK-K269C UWD - A686
	1	Pendant Control, STD 2 Button Pendant			
	2	Panel Control, Required for Remote Stationery Mounted Control			
Rotary Valve Options	A	Equal Powered			Standard POA POA
	B	Biased Powered CCW			
	C	Biased Powered CW			

*Flange Gasket Required **Single Bearing Mount ***Double Bearing Mount

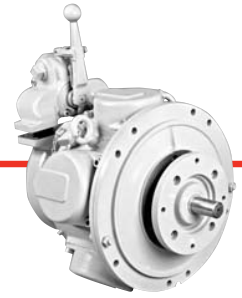
EXAMPLE KK5B550 - B2A0A ARRANGEMENT



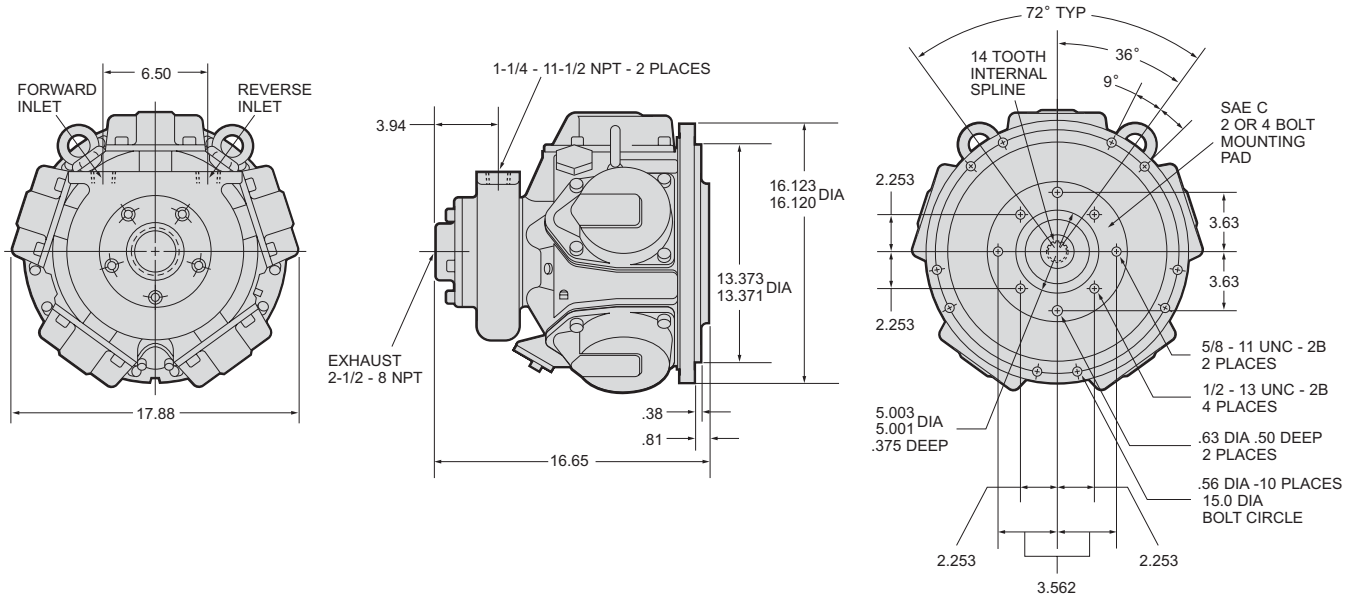
KK5B MOTOR



KK5B Piston Air Motors



KK5B PISTON AIR MOTOR



TOP AND SIDE VIEWS

